

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-16. (cancelled)

17. (Previously Presented) A method of diagnosing an individual who has Type 2 diabetes or is prediabetic, the method comprising,
detecting in a sample from the individual the level of a polypeptide or the level of a polynucleotide encoding the polypeptide, wherein the polynucleotide hybridizes under stringent conditions to a nucleic acid encoding an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:4, or SEQ ID NO:6,

wherein a modulated level of the polypeptide or polynucleotide in the sample compared to a level of the polypeptide or polynucleotide in either a lean individual or a previous sample from the individual indicates that the individual is diabetic or prediabetic.

18. (Original) The method of claim 17, wherein the detecting step comprises contacting the sample with an antibody that specifically binds to the polypeptide.

19. (Original) The method of claim 17, wherein the detecting step comprises quantifying mRNA encoding the polypeptide.

20. (Original) The method of claim 19, wherein the mRNA is reverse transcribed and amplified in a polymerase chain reaction.

21. (Original) The method of claim 17, wherein the sample is a blood, urine or tissue sample.

22-26. (cancelled)